



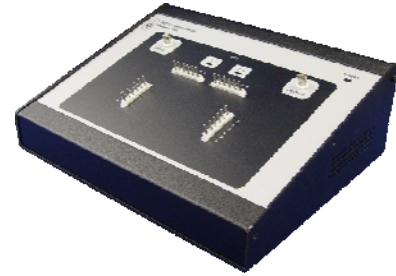
NIDA SPECIFICATIONS



NIDA MODEL 110E CONSOLE

General Description

The Nida Model 110E Test Console provides students with a safe and reliable platform to analyze and explore the operation and characteristics of electronic circuits. Designed to support single position experiments, the 110E is suitable for the classroom and remote learner at the beginning or advanced level. The trainer serves as a computer-interfaced, current-limited, “smart” power supply for the Nida 130 Series printed circuit boards (experiment cards). Discrete voltages are used to activate the experiment cards allowing students to check, align, and troubleshoot operational electronic circuits using standard electronic test equipment.



Features

- Fully automatic operation via computer interface to the student computer
- USB or serial port interface.
- Automatic fault insertion and retraction.
- Input/Output BNC connections allow signal input and provides signal output to an external device.
- Automatic alarm sounds if malfunction is detected.
- Self-cleaning contacts to ensure a proper connection with each experiment card installation.

Specifications

Primary Power:

115 VAC (0.6A max) or 220 VAC (0.3A max), 50/60 Hz switched controlled & primary fuse protection.

DC Power Sources:

0 to -24 volts DC voltages and current up to 1 ampere.

0 to +24 volts DC voltages and current up to 1 ampere.

AC Power Sources:

12 VAC at 1 ampere maximum.

Communications Link: USB or Serial (9600 baud rate with stop bit and parity check).

Operating Temperature: 10 degrees to 40 degrees Celsius ambient.

Dimensions: 13"W (33.02cm) 10"D (25.4cm) 4.5"H (11.43cm)

Weight: 8.3 lbs. (3.8 kg)

Construction: Sheet metal covered by flat panel matte finish.

Note: USB communication requires Universal USB Host.

110E-1007

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